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| U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE   |   | DATE: June 10, 2005                              |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE<br>(DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371  |   | U.S. Application No. (known)<br><b>10/538349</b> |
| INTERNATIONAL APPLICATION NO.:<br>PCT/JP2003/015903  | INTERNATIONAL FILING DATE:<br>December 11, 2003 | PRIORITY DATE CLAIMED:<br>December 11, 2002      |
| TITLE OF INVENTION: <b>IMPROVED PROCESS FOR OBTAINING BULK MONO-CRYSTALLINE GALLIUM-CONTAINING NITRIDE</b>   |   |  |
| APPLICANT(S) FOR DO/EO/US: <b>Robert DWILINSKI et al.</b>  |   |  |
| <p>Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):             <ol style="list-style-type: none"> <li><input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> have been transmitted by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>ITEMS 11. TO 20. BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 together with the international search report, PTO/SB/08 and 5 documents.</li> <li><input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br/>         ASSIGNEE NAME AND ADDRESS: <u>(1) AMMONO Sp. z o.o., Warsaw, Poland, and</u><br/> <u>(2) NICHIA CORPORATION, Anan-shi, Japan</u><br/>         Please publish the assignee data with the application.       </li> <li><input checked="" type="checkbox"/> A preliminary amendment.</li> <li><input type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information: 6 sheets of drawings.</li> </ol> |   |  |

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| U.S. APPLICATION NO. (if known)<br><div style="font-size: 2em; font-weight: bold; margin-top: 5px;">10/538349</div> | INTERNATIONAL APPLICATION NO.<br>PCT/JP2003/015903 | DATE: June 10, 2005 |
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| 21. <u>XX</u> The following fees are submitted:<br><br><div style="margin-left: 40px;">           Basic National Stage Fee<br/>           National Stage Search Fee<br/>           National Stage Examination Fee<br/>           ENTER APPROPRIATE BASIC FEE AMOUNT =         </div> | CALCULATIONS<br><br>\$ 300.00<br>\$ 500.00<br>\$ 200.00<br>\$ 1,000.00 | PTO USE ONLY |
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| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). |  |  |
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| CLAIMS   | NUMBER FILED | NUMBER EXTRA | RATE        |               |    |
|--|--------------|--------------|-------------|---------------|----|
| TOTAL  | 9 -20 =      |              | X \$ 50.00  |               |    |
| INDEPENDENT  | 1 - 3 =      |              | X \$ 200.00 |               |    |
| Multiple dependent claims(s) (if applicable)   |              |              | + \$360.00  |               |    |
| TOTAL OF ABOVE CALCULATIONS =  |              |              |             | \$ 1,000.00   |    |
| National Stage Application Size Fee-for each additional 50 sheets that exceeds 100 sheets \$ 250.00.   |              |              |             |               |    |
| Reduction by 1/2 for filing by small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).   |              |              |             |               |    |
| SUBTOTAL =   |              |              |             | \$ 1,000.00   |    |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +                      |              |              |             |               |    |
| TOTAL NATIONAL FEE =   |              |              |             | \$ 1,000.00   |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + |              |              |             | \$ 40.00      |    |
| TOTAL FEES ENCLOSED =  |              |              |             | \$ 1,040.00   |    |
|  |              |              |             | Amount to be: |    |
|  |              |              |             | refunded      | \$ |
|  |              |              |             | charged       | \$ |

  

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| a. <u>XX</u> A check in the amount of \$1,040.00 to cover the above fees is enclosed. (\$300.00 for basic national stage fee; \$500.00 for national stage search fee; \$200.00 for national stage examination fee and \$40.00 for assignment recordation fee).<br><br>b. Please charge my Deposit Account No. 50-2866 in the amount of \$ to cover the above fees. (A duplicate copy of this sheet is enclosed.)<br><br>c. <u>XX</u> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2866. |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.  |  |

  

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| Send All Correspondence To:              | WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP<br>1250 Connecticut Avenue, N.W.<br>Suite 700<br>Washington, D.C. 20036<br>CUSTOMER No. 38834 |
| Typed or Printed Name: Stephen G. Adrian | Reg. No.: 32,878  |
| Signature                                | Date: June 10, 2005   |

SGA/yap